NC 2010 Integrated Report

Category 5-303(d) List Approved by EPA August 31, 2010

			NC 2010 Integrated Report
	All 13,		(d) List for Mercury due to statewide fish consumption advice for several fish species
_	Numb		AU_Description LengthArea AU_Units Classification
		Parameter	Reason for Rating Use Category Collection Year 303(d)year
		e River Basin e River Basin	Chatuge Lake-Hiwassee River Watershed 0602000201
		e River Basin	Hiwassee River Subbasin 06020002 Chatuge Lake-Hiwassee River Watershed 0602000201
	1-(1)		From North Carolina-Georgia State line to 3,533.1 FW Acres B
	1	Water Quality Standards Aquatic L	No Criteria Exceeded Aquatic Life 2008
•	1-5	Shooting Creek	From source to Chatuge Lake 5.6 FW Miles C;Tr
	1	Ecological/biological Integrity Bentl	s Excellent Bioclassification Aquatic Life 2004
	1	Ecological/biological Integrity Fish(m Good Bioclassification Aquatic Life 2004
Hiw	/assee	e River Basin	Tusquitee Creek-Hiwassee River Watershed 0602000202
•	1-21	-5 Big Tuni Creek	From source to Tusquitee Creek 6.1 FW Miles C;Tr,HQW
	1	Ecological/biological Integrity Bentl	Excellent Bioclassification Aquatic Life 2004
•	1-38	Calhoun Branch	From source to Hiwassee River 2.3 FW Miles WS-IV
	1	Ecological/biological Integrity Bentl	Not Impaired Bioclassification Aquatic Life 2006
•	1-27	-(5.5) Fires Creek	From Rocky Cove Branch to Hiwassee River 8.6 FW Miles WS-IV;Tr,0
	1	Ecological/biological Integrity Bentl	Excellent Bioclassification Aquatic Life 2004
	3a	Ecological/biological Integrity Fish(m Not Rated Bioclassification Aquatic Life 2004
•	1-41	Mission Branch	From source to Hiwassee River 1.8 FW Miles WS-IV
	3 a	Ecological/biological Integrity Bentl	Not Rated Bioclassification Aquatic Life 2006
o	1-39	Sudderth Branch	From source to Hiwassee River 1.4 FW Miles WS-IV
	3a	Ecological/biological Integrity Bentl	Not Rated Bioclassification Aquatic Life 2006
•	1-21-	-(16.5) Tusquitee Creek	From Buckner Branch to Hiwassee River 1.7 FW Miles WS-IV;Tr,
	1	Ecological/biological Integrity Bentl	Excellent Bioclassification Aquatic Life 2004
•	1-21	-(4.5) Tusquitee Creek	From Big Tuni Creek to Buckner Branch 5.8 FW Miles C;Tr,HQW
	3a	Ecological/biological Integrity FishC	m Not Rated Bioclassification Aquatic Life 2004
Hiw	/assee	e River Basin	Brasstown Creek-Hiwassee River Watershed 0602000203
•	1-42	Brasstown Creel	From North Carolina-Georgia State Line to 8.7 FW Miles WS-IV Hiwassee River
	1	Ecological/biological Integrity Bentl	Excellent Bioclassification Aquatic Life 2004
	1	Ecological/biological Integrity FishC	m Good-Fair Bioclassification Aquatic Life 2004

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U_	Numb	er AU_Name AU_	Description	LengthArea	AU_Units Class	ification
Cat	egory	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Hiv	vasse	e River Basin	Brasstown Cr	eek-Hiwassee River W	atershed 0602	000203
9	1-45	Fall Branch	From source to Hiwassee Riv	ver	1.9 FW Miles	С
	3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
)	1-44-	-4 Fate Puett Cove Creek	From source to Peachtree Cr	reek	2.1 FW Miles	С
	1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006	
)	1-44	-9-3 Graham Branch	From source to Slow Creek		1.9 FW Miles	С
	1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
)	1-(16	5.5)c HIWASSEE RIVER	From Calhoun Creek below N Reservoir to a point 0.6 mile McComb Branch		1.5 FW Miles	WS-IV
	3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
)	1-44-	-5 Lamb Branch	From source to Peachtree Cr	eek	1.7 FW Miles	С
	3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
)	1-42-	-11 Little Brasstown Creek	From source to Brasstown Co	reek	4.2 FW Miles	WS-IV
	1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
)	1-43	-(2) McComb Branch	From a point 0.1 mile upstre 141 to Hiwassee River	am of NC Hwy.	0.6 FW Miles	WS-IV;C
	3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
)	1-44	-9-2 Messer Branch	From source to Slow Creek		2.0 FW Miles	С
	1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
)	1-44	a Peachtree Creek	From source to Pipes Branch	ı	5.3 FW Miles	С
	1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
)	1-44	b Peachtree Creek	From Pipes Branch to Hiwass	see River	3.0 FW Miles	С
	1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
	3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2006	
)	1-44-	-7 Pipes Branch	From source to Peachtree Cr	reek	3.0 FW Miles	С
	1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006	
)	1-44-	-9 Slow Creek	From source to Peachtree Cr	reek	5.2 FW Miles	С
	1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2006	
)	1-44-	-9-4 Snead Branch	From source to Slow Creek		2.1 FW Miles	С
	1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	

				2010 Integrated Re	-		
۸11	All 13			ist for Mercury due to statewide f Description	ish consumption advice LengthArea		species assification
		Parameter	O_Name AO_	Reason for Rating	Use Category	_	ar 303(d)year
		e River Basiı	n		Valley River W		02000204
Э	1-52	-30-(3)	Beaver Creek	From Andrews Water Supply Valley River	Intake to	2.0 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
•	1-52	-58	Colvard Creek	From source to Valley River		4.3 FW Mile	es C;Tr
	1	Ecological/b	piological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
•	1-52	-23	Gipp Creek	From source to Valley River		3.6 FW Mile	es C;Tr,ORW
	1	Ecological/b	oiological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
•	1-52	-43	Hyatt Creek	From source to Valley River		4.9 FW Mile	es C
	1	Ecological/b	oiological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
9	1-52	-25a	Junaluska Creek	From source to Junaluska Ro	ad	6.5 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
9	1-52	-36	Morris Creek	From source to Valley River		4.7 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
•	1-52	-28	Tatham Creek	From source to Valley River		1.8 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
•	1-52	-39	Taylor Creek	From source to Valley River		4.8 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
	1	Ecological/b	oiological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
•	1-52	b	Valley River	From Gipp Creek above Andr Venegeance Creek near Marl		9.8 FW Mile	es C;Tr
	1	Ecological/b	piological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
	3a	Ecological/b	oiological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
•	1-52	С	Valley River	From Venegeance Creek nea Marble Creek above Murphy		7.7 FW Mile	es C;Tr
	1	Ecological/b	piological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
	3a	Fecal Colifo	orm (recreation)	Potential Standards Violation	Recreation	2008	
	3a	High Water	Temperature	Potential Standards Violation	Aquatic Life	2008	
	5	Turbidity		Standard Violation	Aquatic Life	2008	2008
•	1-52	-45	Venegeance Creek	From source to Valley River		3.6 FW Mile	es C;Tr
	1	Ecological/b	oiological Integrity Benthos	Good Bioclassification	Aquatic Life	2002	
	1	Ecological/b	oiological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

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	Numb	_	ame /	AU_Description	LengthArea		assification
		Parameter		Reason for Rating	Use Category	Collection Yea	
_		e River Basin			Valley River W		02000204
•	1-52		Webb Creek	From source to Valley River		1.6 FW Mile	s C;Tr
	1	Ecological/biolog	gical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
•	1-52	-40	Welch Mill Creek	From source to Valley River		4.5 FW Mile	s C;Tr
	1	Ecological/biolog	gical Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
•	1-52	-24	Worm Creek	From source to Valley River		2.6 FW Mile	s C;Tr
	1	Ecological/biolog	gical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
Hiv	vasse	e River Basin			Nottely River W	atershed 060	2000206
•	1-58	b	Nottely River	Hiwassee Lake Arm		587.4 FW Acre	s C
	1	Water Quality S	tandards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
•	1-58	a	Nottely River	From North Carolina-Georgia Hiwassee Lake Arm	a State Line to	12.2 FW Mile	s C
	1	Ecological/biolog	gical Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
Hiv	vasse	e River Basin		Hiwassee L	Hiwassee Lake-Hiwassee River Watershed 060200020		
o	1-72		Beaverdam Creek	From source to Hiwassee Lal	ke	6.7 FW Mile	s C;Tr
	1	Ecological/biolog	gical Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
0	1-48		Hampton Creek	From source to Hiwassee Riv	ver	2.2 FW Mile	s C
	1	Ecological/biolog	gical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
0	1-57		Hanging Dog Creek	From source to Hiwassee La	ke	13.2 FW Mile	s C
	1	Ecological/biolog	gical Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
	1	Ecological/biolog	gical Integrity FishCon	n Good Bioclassification	Aquatic Life	2004	
•	1-(43.7) HIWASSEE RIVER		HIWASSEE RIVER	From Town of Murphy wate to a point 0.3 mile downstre Creek		4.2 FW Mile	es WS-V
	1	Ecological/biolog	gical Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008	
	1	Water Quality S	tandards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
	1	Water Quality S	tandards Water Suppl	y No Criteria Exceeded	Water Supply	2008	
•	1-(50	1-(50) HIWASSEE RIVER (Hiwassee Lake below elevation 1525)		From a point 0.3 mile downs Martin Creek to Laurel Creek 525)		143.4 FW Acre	e s C
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008	
	5	Low pH		Standard Violation	Aquatic Life	2008	2010

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		,123 Waters in NC are in Category 5-303(d) Lis					
	U_Number AU_Name AU_Des Category Parameter		Reason for Rating	Use Category	Area AU_Units Classification Collection Year 303(d)y		
		e River Basin	Hiwassee Lake-Hiwassee River Watershed 0602000207				
•	1-(53	(Hiwassee Lake	From Laurel Creek to Hi	wassee Dam	5,029.5 FW Acres	В	
	1	below elevation 1525) Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
9	1-49	Martin Creek	From source to Hiwasse		8.8 FW Miles		
9	1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006		
	1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	on Aquatic Life	2006		
9	1-57	-6 Owl Creek	From source to Hanging	g Dog Creek	8.5 FW Miles	С	
	1	Ecological/biological Integrity Benthos	Excellent Bioclassificatio	n Aquatic Life	2004		
③	1-63	a Persimmon Creek (Lake Cherokee)	From source to Lake Ch	erokee	5.9 FW Miles	С	
	1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006		
	5	Ecological/biological Integrity FishCom	Poor Bioclassification	Aquatic Life	2006	2008	
Hiv	wassee	e River Basin	Sprii	ng Creek-Hiwassee Riv	er Watershed 0602	000209	
•	1-(75) HIWASSEE RIVER (Apalachia Lake below elevation 1281)		From River Mile 75 0.8 I from Hiwassee Dam at I Reservation Boundary t	Hiwassee	1,021.5 FW Acres	В	
	1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
9	1-86	Shuler Creek	From source to Hiwasse	e River	11.9 FW Miles	С	
	1	Ecological/biological Integrity Benthos	Excellent Bioclassificatio	n Aquatic Life	2004		
9	1-77	South Shoal Creek	From source to Apalach	ia Lake	12.1 FW Miles	C;Tr	
	1	Ecological/biological Integrity Benthos	Excellent Bioclassificatio	n Aquatic Life	2004		
	3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	on Aquatic Life	2004		